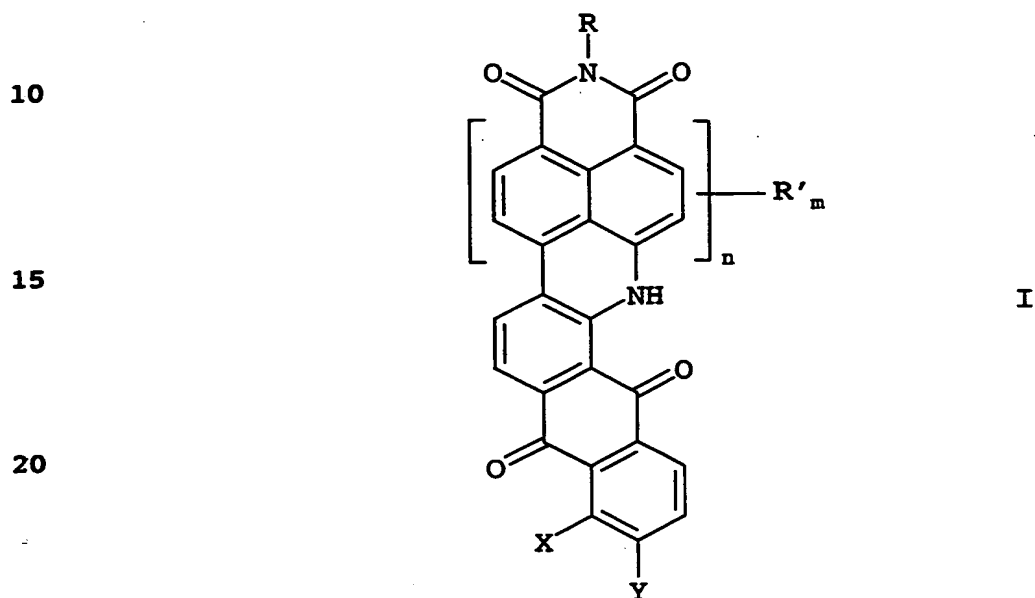


Rylene dyes

Abstract

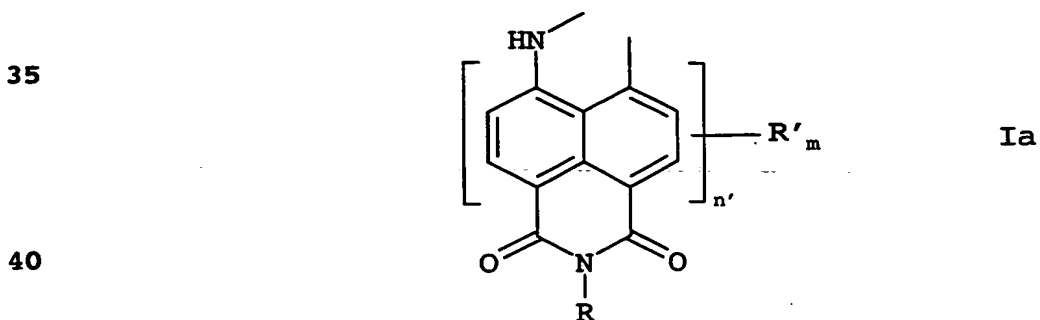
5

Rylene dyes of the general formula I



25 where the variables are defined as follows:

- R is hydrogen; optionally substituted C_1 - C_{30} -alkyl, C_5 - C_8 -cycloalkyl, aryl or hetaryl;
- R' is bromine; cyano; $-NR^3_2$; optionally substituted aryloxy, arylthio, hetaryloxy or hetarylthio; optionally substituted C_3 - C_{18} -alk-1-ynyl;
- 30 X, Y are both hydrogen or together are a radical of the formula Ia



- n is 2, 3, 4 or additionally 1 when X and Y are a radical of the formula Ia;
- 45 n' is from 1 to 4;
- m is from 0 to 6.